

## ABSTRACT

A technology is disclosed for providing the global connectivity to the mobile node which is connected to the mobile access router forming the mobile network. According to the technology, it is possible for the mobile node 1000-1 to acquire the global address of the access router (the mobile access router 1200-1) the mobile node is connected through the local fixed router 1100-1. For example, the mobile node sends a Binding Update message which a special marking is embedded, or the mobile node sends a special packet. When the mobile access router receives the message or packet sent from the mobile node, it learns from the received message or packet that the mobile node does not know the primary global address of the mobile access router, and then it informs the mobile node about its primary global address.